

III. REMARKS

1. Claims 1, 11, 21 and 22 are amended.
2. Claims 1-4, 6, 11-14, 16, 21 and 22 are not unpatentable over Lindoff and Hook under 35 U.S.C. §103(a).

Claims 1, 11, 21 and 22 are amended to recite that the “phase of the training sequence” is changed by “**cyclically transferring symbols of the training sequence a certain number of bit positions.**” This is not disclosed or suggested by the combination of references. The arguments raised by Applicant in the prior response are incorporated herein by reference in their entirety and once again reasserted.

The Examiner states, in the Response to Arguments section of current Office action, that the features Applicant relied upon in those prior arguments, primarily that the phase shift is obtained by “shifting the bits of the training sequence a certain number of bit positions” are not recited in the claims. While this assertion is respectfully traversed, Applicant respectfully submits that with the current change to the claims, these particular features are now clarified and indeed clearly recited. It is submitted that these features are not disclosed or suggested by the combination of references, for the reasons previously stated.

The Examiner is respectfully requested to re-consider those arguments from the last response in view of these changes. In view of the changes, Applicant respectfully submits that the claims should now be allowable.

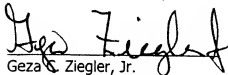
Claims 7 and 17 are not unpatentable over Lindoff, Hook & Guan at least by reason of their respective dependencies.

Claims 5, 9, 10, 15, 19 and 20 are not unpatentable over Lindoff, Hook & Persson at least by reason of their respective dependencies.

Claim 23 is not unpatentable over Lindoff, Hook and Shi at least by reason of its dependency.

The Commissioner is hereby authorized to charge any other fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.

Respectfully submitted,



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25 April 2007
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I hereby certify that this correspondence is being transmitted electronically, on the date indicated below, addressed to Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: 25 April 2007

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